Practice	Quiz: Earth, Sun, and Se	asons
<b>I. Seasons Diagram.</b> Label the proper diagram below. <b>You should write 2 wo</b> example, one of them would be <i>Norther</i> . Be careful and pay attention to the hints	ords into each label. "Nort on Winter Solstice. They wi	thern" is already given in each. For
4	. Northern	
North Pole tilted the most toward the sun.		<u>either</u> Pole tilted toward r away from the sun.
1. Northern	N Sun	3. Northern
3	2. Northern	
II. A. Matching. Write the correct letted be used twice. All let		thes each description. One letter will
1. Day when one pole is tilted the	ne most towards the sun	A. equinox
2. Spinning of an object around	its axis	B. solstice
3. Movement of one object arou	another	C. revolution
4. Imaginary line that passes the	ough a planet's center and	poles D. axis
5. One cause of day and night		E. rotation
6. Day when neither pole is tilted	ed toward or away from the	Sun
<b>II.B. Matching</b> . Identify which of the below. Use the following abbreviations	` ,	±
NSS Northern Summer Solstice NWS Northern Winter Solstice	<b>EQ</b> Equino <b>ALL</b> All o	
•	gle of light and largest number the <b>Southern Hemisphe</b>	ber of hours of daylight cause a re.
2. Day when all latitudes ha	ve 12 hours of daylight and	1 12 hours of night.
3. Day when the Earth is alr	nost at its farthest from the	sun.
4. North Pole points toward	North Star (Polaris).	
5. Day when the Northern F	lemisphere has most hours	of daylight with the most intensity.
6. Day when the North Pole	is tilted most away from the	ne sun.
7. Day when sunlight is mos	st intense at the equator.	
8 Same day as the Southern	Summer Solstice	

Name\_\_\_\_\_\_ Date\_\_\_\_\_\_ Period \_\_\_\_\_

	III. True or False. If the statement is true, write "True" on the line provided. <u>If the state</u> false, correct the underlined word(s) to make it a true statement. Write the correction of		
	provided. Read carefully!		
	1. The Earth's axis is on a tilt of 23.5°.		
	2. The Earth is heated by light from the Moon.		
	3. One complete <u>rotation</u> of Earth takes 365.25 days.		
	4. The <u>Sun</u> , Moon and zodiac constellations are all along the san the sky called the ecliptic. (From StarLab)	me path in	
VI	VII. Multiple Choice. Write the correct letter in the space provided next to each question.		
	1. When the Northern Hemisphere experiences the season of spring, the Southern Hemisphere experiences the season of	ern	
	A. summer C. spring  B. autumn D. winter		
	2. Seasons are caused in part by A. the distance between Earth and the sun C. the angle of the sun's rays striking Earth's surface  B. Earth's tilt D. both B and C	2	
	3. The sun, moon and stars appear to rise and set each day due to A.Earth's revolution around the sun. B. Earth's rotation. C. the moon's rotation around Earth. D. the tilt of Earth's ax	is.	
	4. We can find the North Star (Polaris) by A. using the two pointer stars in the Big Dipper C. using Orion's belt as pointer stars  B. looking where the s D. looking opposite to		
VI	VIII. Short Answer. Answer these on a separate piece of paper.  Answer each question in complete sentences. <u>Draw sketches.</u>		
1. a) Describe, sketch, and explain the two factors that cause the cycle of day and night.			
	b) Describe and sketch one of the activities or labs that demonstrated this.		
2.	<ul><li>a) Explain why the Poles are colder than the Equator. Include the angle and intensity of light.</li><li>b) Describe and sketch one of the activities or labs that demonstrated this.</li></ul>		
3.	3. a) Explain why winter is colder than summer. Include (i) the tilt of Earth's axis and ho affects (ii) the angle and intensity of light and( iii) number of hours of daylight.	w the tilt	

b) Describe and sketch one of the activities or labs that demonstrated this